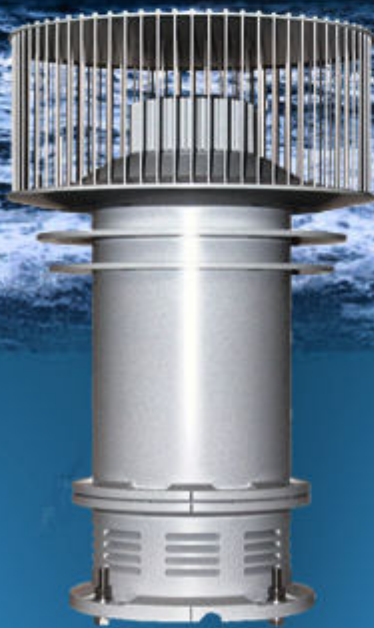


# WIND AND METEO SENSOR ML- 7327 (V)



## FEATURES

- Solid state technology
- High reliability
- High accuracy
- Intensitivity fog, salt atmosphere, rain
- Auto compensation of air density
- Complete meteo station
- Autocalibrating
- Maintenance free
- No ITAR components
- Wind sensor only available
- Industrial grade version available
- De-icing available

**SOLID STATE TECHNOLOGY**

**FULL MILITARY GRADE**

**SINGLE UNIT METEO STATION**

**INDUSTRIAL GRADE AVAILABLE**

The Wind and Meteo Station ML- 7327(V) has been designed to meet the most severe operation conditions at sea.

It based is principle of operation on the force transduction, unique in the world, so assuring an extremely high reliability and performances in all conditions being insensitive to the most of the factors affecting the other solid state sensors.

It has been supplied and in operation in hundreds of units to the Navies all around the world.

In combination with the Wind and Meteo Computer CM-7319(V) and the General Purpose Multifunction Display meets all the requirements for a complete meteo station on board every type of vessel.

The use of solid state technology along with modular parts, allows its easy reconfigurability and an excellent maintainability.

## CONFIGURATIONS



## TECHNICAL CHARACTERISTICS

### RANGE OF MEASURE

WIND SPEED	0 to 120 Kts
WIND DIRECTION	0 to 360°
TEMPERATURE	-28° C to +65° C
RELATIVE HUMIDITY	0 to 100%
PRESSURE	800 to 1050 hPa

### MIL-STANDARDS

SHOCK	MIL-S-901D
VIBRATION	MIL-STD-167-1
EMI/EMC	MIL-STD-461
ENVIRONMENTAL	MIL-STD-810
ENCLOSURE	MIL-STD-108

### ACCURACY

WIND SPEED	wind < 20 Kts +/- 1Kts wind > 20 Kts +/- 5%
WIND DIRECTION	wind < 10 Kts: +/- 5° to +/- 3° (linear variation) wind < 10 Kts: +/- 5%
TEMPERATURE	+/- 1°
RELATIVE HUMIDITY	+/-5%
PRESSURE	+/- 1 hPa

### ELECTRICAL

POWER SUPPLY	115V/60Hz
POWER CONSUMPTION	165 VA (Max with de-icing activated)

### INTERFACES

OUTPUT	RS-422 NMEA 0183 protocol
Service Line	RS-422

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